

Mosaic work made of the same mineral, and briefly explained the process of its manufacture.

Dr. Mitchell presented to the notice of the society, Jeffrey's oral respirator, and explained its structure and uses.

*Stated Meeting, October 19.*

Present, seventeen members

DR. CHAPMAN, Vice President, in the Chair.

The following donations were received:—

FOR THE LIBRARY.

Principles of Political Economy. Part the Second. By H. C. Carey. Philadelphia, 1838.—*From the Author.*

Supplemental Annotations to the Book of the New Covenant. London, 1838.—*From Granville Penn, Esq.*

Letters from the English Kings and Queens to the Governors of the Colony of Connecticut, from 1635 to 1749. By R. R. Hinman, A. M. Hartford, 1836.—*From A. Winthrop, Esq.*

The Blue Laws of New Haven Colony, usually called Blue Laws of Connecticut; Quaker Laws of Plymouth and Massachusetts, &c. Hartford, 1838.—*From the same.*

Arte de la Lengva Moxa. Compuesto por el M. R. P. Pedro Marban. Lima, 1702.—*From W. B. Hodgson, Esq.*

Views on the Improvement of the Maltese Language. By the Rev. C. F. Schlienzen. Malta, 1838.—*From W. W. Andrews, Esq.*

Svensk Botanik, utgifvén af J. W. Palmstruch. Vols. II. III. IV. V. & VI. Stockholm, 1803-4-5-7-9.—*From Mr. John Vaughan.*

Svenska Lafvarnas Färghistoria. Af Joh. P. Westring. Vol. I. Stockholm, 1805.—*From the same.*

E'lémens de Philosophie Chimique, par H. Davy. Traduit de l'Anglais, avec des Additions, par J.-B. Van Mons. Two Vols. Paris, 1826.—*From the same.*

Essai sur la Théorie des Proportions Chimiques. Par J. J. Berzelius. Paris, 1819.—*From the same.*

The History of Kentucky. By H. Marshall. Two Vols. Frankfort, 1824.—*From the same.*

Personal Narrative of the First Voyage of Columbus. Boston, 1827.—

*From the same.*

The Select Medical Library. Edited by John Bell, M. D. Vol. II. No. 12. Philadelphia, 1838.—*From the Editor.*

The American Medical Library and Intelligencer. By Robley Dunglison, M. D. Vol. II. Nos. 13 & 14. Philadelphia, 1838.—*From the Editor.*

Transactions of the Society of Arts, Manufactures, and Commerce. Vol. LI. Part II. London, 1838.—*From the Society.*

The Committee on the solar eclipse of the 18th of September, made a further Report in part, comprising the following observation:—

No. 25, by F. R. Hassler, Esq., at Weasel Mountain, N. J., latitude  $40^{\circ} 52' 35''$ , approximate longitude  $4h 57m 25.7s$  W., being one of the stations of the coast survey, with telescopes of the large theodolite, powers 116 and 151.

				<i>h</i>	<i>m</i>	<i>s</i>
First contact,	-	-	-	3	15	56.98
Inner contact,	-	-	-	4	35	57.09
End,	-	-	-	5	47	13.10
Duration of eclipse,	-	-	-	2	31	16.12
Do. of ring,	-	-	-			1.00

From a drawing, accompanying Mr. Hassler's communication, it appears that several broken portions of the ring, or beads of light, for a second only, extended from cusp to cusp, presenting a most beautiful appearance. During the rest of the eclipse, except this single second, the cusps were dull and rounded off at the end.

Dr. Hare read a paper on the Tornado which passed over a suburb of Providence, R. I., in August last; accompanied by a description of the phenomenon, by Mr. Z. Allen, of Providence. Referred to President Bache, Dr. Patterson, and Mr. Espy.

President Bache reported the decease of M. Stainsby, Professor of Natural Philosophy at Prague, and of Dr. Martinus Van Marum, of Haarlem, both members of the Society.